

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Eaton et al.

Attorney Docket No.: FULCP004X1

Application No.: 10/620,330

Examiner: Not yet assigned

Filed: July 14, 2003

Group: 2825

Title: OPTIMIZATION OF CELL SUBTYPES IN  
A HIERARCHICAL DESIGN FLOW

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 23, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Mia Mitchell-Haynes

**INFORMATION DISCLOSURE STATEMENT WITH STATEMENT  
UNDER 37 CFR §§1.56 AND 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to the examination of the above-identified patent application. These references were cited in a corresponding PCT application. A copy of the International Search Report which was dated March 31, 2004, is enclosed herewith as well. These references are submitted in compliance with the applicant's duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. Accordingly, the Examiner is requested to make these citations official record in this application.

This Information Disclosure Statement is not to be construed as a representation that additional information (material to the examination of this application) does not exist or that the enclosed reference(s) constitute prior art.

**Statement under 37 CFR § 1.97(e)**

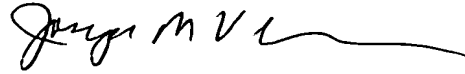
The undersigned hereby states that the references enclosed herewith were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. (37 CFR 1.97(e)(1))

Accordingly, it is respectfully submitted that no fee is due in conjunction with the filing of this IDS. However, should the Commissioner determine that additional fees are required for

filing the present Information Disclosure Statement, the Commissioner is hereby authorized to charge any such fees to our deposit account number 500388 (Order No. FULCP004X1).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read "Joseph M. Villeneuve", with a long horizontal flourish extending to the right.

Joseph M. Villeneuve  
Registration No. 37,460

P.O. Box 778  
Berkeley, CA 94704-0778  
(510) 843-6200



<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. FULCP004X1	Application No.: 10/620,330
	Applicant: Eaton et al. Filing Date 7/14/03	Group

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	6,226,774	5/1/01	Sawasaki et al.			12/23/97
	A2	5,519,344	5/21/96	Proebsting			6/30/94
	A3	5,553,276	9/3/96	Dean			8/31/94
	A4	6,216,255	4/10/01	Ito et al.			2/26/98
	A5	6,263,478	7/17/01	Hahn et al.			8/11/98
	A6	5,469,367	11/21/95	Puri et al.			6/6/94
	A7	6,131,182	10/10/00	Beakes et al.			5/2/97
	A8	6,591,407	7/8/03	Kaufman et al.			3/1/00
	A9	5,493,505	2/20/96	Banerjee et al.			10/28/93
	A10	5,568,062	10/22/96	Kaplinsky			7/14/95
	A11	2003/0146773	8/7/03	Bobba et al.			2/6/02

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	B1	Yu et al., "A New Approach for Checking the Unique State Coding Property of Signal Transition Graphs", March 1992, Design automation, European conference, IEEE, pp. 312-321.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.